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*Gates & Cooper LLP*

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FAX TRANSMISSION TO USPTO

TO: Commissioner for Patents	FROM: Anthony J. Orler
Attn: Examiner Emmanuel Bayard	OUR REF.: G&C 201.13-US-01
Patent Examining Corps	TELEPHONE: (310) 342-5564
Facsimile Center	
Alexandria, VA 22313-1450	

Total pages, including cover letter: 23

PTO FAX NUMBER: 571-273-8300

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Title of Document Transmitted:	<b>TRANSMITTAL SHEETS, NOTICE OF CHANGE OF MAILING ADDRESS, REVOCATION AND POWER OF ATTORNEY, AND CERTIFICATE UNDER 37 C.F.R. §3.73(B) WITH COPIES OF 2 RECORDED ASSIGNMENTS.</b>
Applicant:	Ville Eerola et al
Serial No.:	09/689,680
Filed:	October 13, 2000
Group Art Unit:	2611
Title:	CORRELATOR
Our Ref. No.:	G&C 201.13-US-01

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP.

By: 

Name: Anthony J. Orler  
Reg. No.: 41,232

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Signature

April 17, 2006  
Date

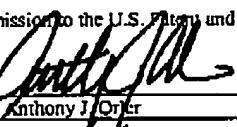
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APR 17 2006

Applicant:	Ville Eerola et al.	Examiner:	Emmanuel Bayard
Serial No.:	09/689,680	Group Art Unit:	2611
Filed:	October 13, 2000	Docket:	G&C 201.13-US-01
Title:	CORRELATOR		

## CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office on April 17, 2006.

By:   
Name: Anthony J. Orler

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

- Transmittal sheet, in duplicate, containing a Certificate of Mailing or Transmission under 37 CFR 1.8.
- Revocation and Power of Attorney including Certificate Under 3.73(b) and Copy of Recorded Assignment.
- Notice of Change of Mailing Address.

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

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Customer Number 22462  
**GATES & COOPER LLP**  
Howard Hughes Center  
6701 Center Drive West, Suite 1050  
Los Angeles, CA 90045  
(310) 641-8797

By:   
Name: Anthony J. Orler  
Reg. No.: 41,232  
AJO/bjs

G&C 201.13-US-01

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Ville Eerola et al.	Examiner:	Emmanuel Bayard
Serial No.:	09/689,680	Group Art Unit:	2611
Filed:	October 13, 2000	Docket:	G&C 201.13-US-01
Title:	CORRELATOR		

## CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office on April 17, 2006.

By:   
Name: Anthony J. Omer

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

- Transmittal sheet, in duplicate, containing a Certificate of Mailing or Transmission under 37 CFR 1.8.
- Revocation and Power of Attorney including Certificate Under 3.73(b) and Copy of Recorded Assignment.
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Customer Number 22462

GATES & COOPER LLP

Howard Hughes Center  
6701 Center Drive West, Suite 1050  
Los Angeles, CA 90045  
(310) 641-8797

By:   
Name: Anthony J. Omer  
Reg. No.: 41,232  
AJO/bjs

G&C 201.13-US-01

PAGE 3/23 \* RCVD AT 4/17/2006 3:56:44 PM [Eastern Daylight Time] \* SVR:USPTO-EXRF-1/21 \* DNIS:2738300 \* CSID:+13106418798 \* DURATION (mm:ss):06:30

S/N 09/689,680PATENT

APR 17 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Ville Eerola et al.	Examiner:	Emmanuel Bayard
Serial No.:	09/689,680	Group Art Unit:	2611
Filed:	October 13, 2000	Docket:	G&C 201.13-US-01
Title:	CORRELATOR		

## CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

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By:   
Name: Anthony J. Order

NOTICE OF CHANGE OF MAILING ADDRESS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants' attorney, Anthony J. Order, Registration No. 41,232 of the firm Gates & Cooper LLP, requests that all communications from the U.S. Patent and Trademark Office in connection with the above-identified patent application be mailed to him at the following address:

GATES & COOPER LLP  
Howard Hughes Center  
6701 Center Drive West, Suite 1050  
Los Angeles, California 90045  
Telephone: (310) 641-8797

Respectfully submitted,

GATES & COOPER LLP

By:   
Anthony J. Order

Reg. No. 41,232

Date: April 17, 2006

AJO/

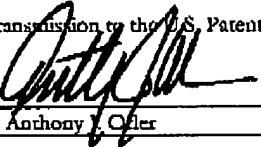
G&amp;C 201.13-US-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ville Eerola et al. Assignee: u-Nav Microelectronics Corporation  
Serial No.: 09/689,680 Examiner: Emmanuel Bayard  
Filed: October 13, 2000 Group Art Unit: 2611  
Docket: G&C 201.13-US-01  
Title: CORRELATOR

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office on April 17, 2006.

By:   
Name: Anthony J. Orler

REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Please revoke the existing Powers of Attorney, if any, and appoint the following attorneys and/or patent agents to prosecute this application and to transact all business in the U.S. Patent and Trademark Office in connection therewith:

George H. Gates	Registration No. 33,500
Victor G. Cooper	Registration No. 39,641
William J. Wood	Registration No. 42,236
Jason S. Feldmar	Registration No. 39,187
Anthony J. Orler	Registration No. 41,232
Manali Dighe	Registration No. 56,856

Please direct all correspondence in this application to Anthony J. Orler at:

Customer Number 22462

GATES & COOPER LLP  
Howard Hughes Center  
6701 Center Drive West, Suite 1050  
Los Angeles, California 90045  
Telephone: (310) 641-8797

G&C 201.13-US-U1

U-NAV MICROELECTRONICS CORPORATION, as assignee, declares that 100% ownership is established for the above-referenced invention, and patent application. A Certificate under 37 C.F.R. 3.73(b) is enclosed.

Respectfully submitted,  
U-NAV MICROELECTRONICS  
CORPORATION

Dated: APRIL 14, 2006

By: John J. Winner  
Name: John J. Winner  
Title: COO

AJO/bjs  
Enclosures: Certificate Under 37 C.F.R. §3.73(b)  
Copy of Recorded Assignment

S/N 09/689,680

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Ville Eerola et al.	Examiner:	Emmanuel Bayard
Serial No.:	09/689,680	Group Art Unit:	2611
Filed:	October 13, 2000	Docket:	G&C 201.13-US-01
Title:	CORRELATOR		

---

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

U-NAV MICROELECTRONICS CORPORATION, a corporation organized and existing under the laws of the State of California, having a place of business at 8 Hughes, Irvine, California 92618, certifies that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of:

A chain of title from the inventor(s) of the patent application to the current assignee as shown below:

**From: Ville Eerola and Tapani Ritoniemi To: VLSI SOLUTION OY**  
The document was recorded in the U.S. Patent and Trademark Office at Reel 013042, Frame 0253, for which a copy thereof is attached.

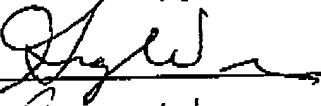
**From: VLSI SOLUTION OY To: u-Nav Microelectronics Corporation**  
The document was recorded in the U.S. Patent and Trademark Office at Reel 013041, Frame 0810, for which a copy thereof is attached.

Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, as the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: April 14, 2006

By: 

Name: Greg Linner

Title: COO



SEPTEMBER 03, 2002

PTAS

IRELL & MANELLI LLP  
 KIMBERLEY G. NOBLES  
 840 NEWPORT CENTER DRIVE, SUITE 400  
 NEWPORT BEACH, CA 92660

Under Secretary of Commerce For Intellectual Property and  
 Director of the United States Patent and Trademark Office  
 Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)



\*102143974A\*

U-NAV MICROELECTRONICS CORP.

UNITED STATES PATENT AND TRADEMARK OFFICE 157622-0013(P002)  
 NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
 THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
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 REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
 INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
 PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
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 PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
 ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
 SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/02/2002

REEL/FRAME: 013041/0810  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

VLSI SOLUTION OY

DOC DATE: 05/22/2002

ASSIGNEE:

U-NAV MICROELECTRONICS CORPORATION  
 15255 ALTON PARKWAY.  
 SUITE 200  
 IRVINE, CALIFORNIA 92618

SERIAL NUMBER: 09689680  
 PATENT NUMBER:

FILING DATE: 10/13/2000  
 ISSUE DATE:

STEVEN POST, EXAMINER  
 ASSIGNMENT DIVISION  
 OFFICE OF PUBLIC RECORDS

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SEP 09 2002

IRELL &amp; MANELLI LLP

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07-00-2002



Form PTO-1595  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 6/31/2002)  
Tab settings → → →

102143974  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

VLSI Solution OY

7-2-02

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other \_\_\_\_\_

Execution Date: May 22, 2002

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 09/689,680

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kimberley G. Nobles

Internal Address: \_\_\_\_\_

Street Address: Irell & Manella LLP

840 Newport Center Drive, Suite 400

City: Newport Beach State: CA Zip: 92660

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

09-0946

9. Signature.

Kimberley G. Nobles, Reg. No. 38,255  
Name of Person Signing

June 26, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

07/05/2002 LMUELLER 00000078 09689680

01 FC:581..

40.00 DP

## ASSIGNMENT

WHEREAS, VLSI Solution OY, a corporation organized and existing under the laws of Finland, having its principal place of business at Hermiankatu 6-8 C, FIN-33720 Tampere, Finland (hereinafter referred to as "Assignor") owns the entire right, title and interest for Finland and any and all other countries, in and to all inventions and any improvements which are disclosed in the following applications entitled Correlator:

<u>Country</u>	<u>Application No.</u>	<u>Filing Date</u>
Finland	FI-19992209 (provisional application)	October 13, 1999
Finland	FI-20000519 (non-provisional application)	March 7, 2000
United States	09/689,680	October 13, 2000
PCT	PCT/FI00/00882	October 12, 2000

AND WHEREAS, u-Nav Microelectronics Corporation, a corporation organized and existing under the laws of the United States, having its principal place of business at 15255 Alton Parkway, Suite 200, Irvine, CA 92618, USA (hereinafter, together with its successors, legal representatives or assigns thereof, referred to as "Assignee") wants to acquire Assignor's entire right, title and interest in and to said inventions and improvements;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has assigned, transferred and set over, and does hereby sell, assign, transfer and set over to Assignee Assignor's entire right, title and interest in and to said inventions and improvements, and each of said applications and all non-provisional, utility, divisional, substitute, continuation and continuation-in-part applications thereof in all countries, and all Finnish Letters Patents, United States Letters Patent, and patents of any and all other countries, which may be granted thereon and all re-examinations, reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all applications for patents including related rights such as non-provisionals, PCT applications, utility-model registrations, inventor's certificates, and the like heretofore or hereafter filed for said inventions and improvements in any and all countries, and all patents (including all non-provisionals, extensions, renewals, reexaminations and reissues thereof) granted for said inventions and improvements in any and all countries.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee any known facts respecting said inventions and improvements, and will testify in a legal proceeding, sign all lawful papers, execute all non-provisional, divisional, continuation, continuation-in-part, substitute, and reissue applications, and all foreign applications, make all rightful Oaths and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for said inventions and improvements; in all countries.

AND ASSIGNOR HEREBY authorizes and requests the officials of the Finnish Patent Office and officials of foreign countries whose duty is to issue patents on applications as aforesaid, to issue all patents for said inventions and improvements to Assignee in accordance with the terms of this Assignment;

Executed this 22 day of May, 2002, at Tampere.

VLSI Solution OY

Tapani Ritonиеми  
Name: Tapani Ritonиеми  
Title: CEO

I, Leena Lintuvaara, declare that I was personally present and did see Tapani Ritonиеми duly sign and execute the above assignment on behalf of VLSI Solution OY.

Leena Lintuvaara  
(Signature of Witness)

Please type a plus sign (+) inside this box → +

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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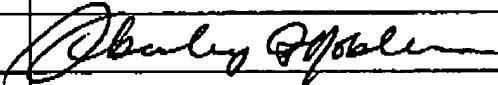
(to be used for all correspondence after initial filing)

		Application Number	09/689,680
		Filing Date	October 13, 2000
		First Named Inventor	Ville Eerola et al.
		Group Art Unit	Unknown
		Examiner Name	Unknown
Total Number of Pages in This Submission	6	Attorney Docket Number	157622-0013

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Change of Correspondence Address	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Kimberley G. Nobles, Reg. No. 38,255 IRELL & MANELLA LLP
Signature	
Date	June 26, 2002

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: June 26, 2002

Typed or printed name	Daria Cleveland
Signature	
Date	June 26, 2002

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APR 17 2006

PTO/SB/17 (11-01)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL

## for FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 40.00)

## Complete if Known

Application Number	09/689,680
Filing Date	October 13, 2000
First Named Inventor	Ville Eerola et al.
Examiner Name	Unknown
Group Art Unit	Unknown
Attorney Docket No.	157622-0013

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number **09-0946**  
 Deposit Account Name **Irell & Manella LLP**

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee  
 (to the above identified deposit account)

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$ 0.00)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	-20* =	X	=	Fee from below	Fee Paid
Independent Claims	- 3** =	X	=		
Multiple Dependent		X	=		

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
103 18	203 9	Claims in excess of 20	
102 84	202 42	Independent claims in excess of 3	
104 280	204 140	Multiple dependent claim, if not paid	
109 84	209 42	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 0.00)

\*or number previously paid, if greater. For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
105 130	205 65	Surcharge - late filing fee or oath	
127 60	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 820*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(c)	
128 180	128 180	Submission of Information Disclosure Stmt	
681 40	681 40	Recording each patent assignment per property (times number of properties)	40.00
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(c))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 800	169 800	Request for expedited examination of a design application	
Other fee (specify)			

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 40.00)

SUBMITTED BY		Complete if applicable		
Name (Print/Type)	Kimberley G. Nobles	Registration No. (Attorney/Agent)	38,255	Telephone (949) 760-0991
Signature		Date	June 26, 2002	

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T-322 P.015/023 F-601

APR 17 2006

PTO/SB/17 (11-01)

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Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 40.00)

## Complete if Known

Application Number	09/689,680
Filing Date	October 13, 2000
First Named Inventor	Ville Eerola et al.
Examiner Name	Unknown
Group Art Unit	Unknown
Attorney Docket No.	157622-0013

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

Deposit Account:

Deposit Account Number 09-0946  
Deposit Account Name Irell & Manella LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
101 740	201 370	Utility filing fee	
108 330	208 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$ 0.00)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Extra Claims Fee from below	Fee Paid
		-20** = <input type="text"/> X <input type="text"/> = <input type="text"/>	
		-3*** = <input type="text"/> X <input type="text"/> = <input type="text"/>	

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0.00)

\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
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\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

## SUBMITTED BY

Name (Print/Type)	Kimberley G. Nobles	Registration No. (Attorney/Agent)	38,255	Telephone	(949) 760-0991
Signature				Date	June 26, 2002

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SEPTEMBER 03, 2002

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Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov

IRELL & MANELLA LLP  
KIMBERLEY G. NOBLES  
840 NEWPORT CENTER DRIVE  
SUITE 400  
NEWPORT BEACH, CA 92660



\*102143988A\*

V-NAV MICROELECTRONICS CORP.

UNITED STATES PATENT AND TRADEMARK OFFICE 159422-0013(P002)  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/02/2002

REEL/FRAME: 013042/0253

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

EEROLA, VILLE

DOC DATE: 05/21/2002

ASSIGNOR:

RITONIEMI, TAPANI

DOC DATE: 05/22/2002

ASSIGNEE:

VLSI SOLUTION OY  
HERMIANKATU 6-8 C  
FIN-33720 TAMPERE, FINLAND

SERIAL NUMBER: 09689680

FILING DATE: 10/13/2000

PATENT NUMBER:

ISSUE DATE:

THERESA FREDERICK, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECEIVED

SEP 09 2006

IRELL &amp; MANELLA LLP

DOCKETED

07-00-2002

Form PTO-1595  
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

102143988  
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PATENTS ONLYU.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

Tab settings → → →

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Ville Eerola  
Tapani Ritonиеми

7.2.02

Additional name(s) of conveying party(ies) attached?  Yes  No

## 3. Nature of conveyance:

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	

Execution Date: May 21, 2002 and May 22, 2002

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 09/689,680

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kimberley G. Nobles

Internal Address: \_\_\_\_\_

Street Address: Irell & Manella LLP840 Newport Center Drive, Suite 400City: Newport Beach State: CA Zip: 926606. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00 Enclosed Authorized to be charged to deposit account

## 8. Deposit account number:

09-0946

## 9. Signature:

Kimberley G. Nobles, Reg. No. 38,255  
Name of Person Signing

June 26, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents &amp; Trademarks, Box Assignments

Washington, D.C. 20231

07/05/2002 LMUELLER 00000062 09689680

01 FC:581

40.00 OP

## ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

**Ville EEROLA and Tapani RITONIEMI**

hereby sell, assign, and transfer to:

**VLSI Solution OY**

a corporation organized and existing under the laws of Finland, having a principal place of business at Hermiankatu 6-8 C, FIN-33720 Tampere, Finland ("Assignee"), and its successors, assigns, and legal representatives, our entire right, title, and interest for Finland and any and all other countries, in and to any and all inventions and improvements that are disclosed in the following applications entitled Correlator:

<u>Country</u>	<u>Application No.</u>	<u>Filing Date</u>
Finland	FI-19992209 (provisional application)	October 13, 1999
Finland	FI-20000519 (non-provisional application)	March 7, 2000
United States	09/689,680	October 13, 2000
PCT	PCT/FI00/00882	October 12, 2000

and in and to each of said applications and all non-provisional, utility, divisional, continuation, continuation-in-part, substitute, renewal, reexamination, reissue, and all other patent applications that have been or shall be filed in Finland and any and all other countries on any of said inventions and improvements; and in and to all original, re-examined and reissued patents that have been or shall be issued in Finland and any and all other countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of any of said applications, and in all subsequent non-provisional, utility, PCT and foreign applications claiming priority to one or more of these applications.

Assignors agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all non-provisional, utility, divisional, continuation, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee,

its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

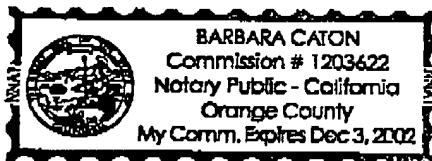
Executed this 21 day of May, 2002, at Newport Beach, CA.

Ville Eerola  
Ville Eerola

STATE OF CALIFORNIA ss.  
COUNTY OF ORANGE

On this 21<sup>st</sup> day of May, in the year of 2002, before me, BARBARA CATON, the undersigned notary public, personally appeared the above-named assignor, Ville Eerola, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

[Seal]



Barbara Caton  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2002, at \_\_\_\_\_.

Tapani Ritoniemi

I, \_\_\_\_\_, declare that I was personally present and did see Tapani Ritoniemi duly sign and execute the above assignment.

(Signature of Witness)

its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2002, at \_\_\_\_\_

Ville Eerola

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, in the year of \_\_\_\_\_, before me, \_\_\_\_\_, the undersigned notary public, personally appeared the above-named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

[Seal]

Notary Public \_\_\_\_\_

Executed this 22 day of May, 2002, at Tampere

T. R.  
Tapani Ritoniemi

I, Leena Lintuvaara, declare that I was personally present and did see Tapani Ritoniemi duly sign and execute the above assignment.

Leena Lintuvaara  
(Signature of Witness)

Please type a plus sign (+) inside this box → 

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/689,680
		Filing Date	October 13, 2000
		First Named Inventor	Ville Eerola et al.
		Group Art Unit	Unknown
		Examiner Name	Unknown
Total Number of Pages in This Submission	7	Attorney Docket Number	157622-0013

<b>ENCLOSURES</b> <i>(check all that apply)</i>		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>
Remarks		

<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>	
Firm or Individual name	Kimberley G. Nobles, Reg. No. 38,255 IRELL & MANELLA LLP
Signature	
Date	June 26, 2002

<b>CERTIFICATE OF MAILING</b>	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <input type="text" value="June 26, 2002"/>	
Typed or printed name	Daria Cleveland
Signature	
Date June 26, 2002	

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PTO/SB/17 (11-01)

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 40.00)

## Complete if Known

Application Number	09/689,680
Filing Date	October 13, 2000
First Named Inventor	Ville Eerola et al.
Examiner Name	Unknown
Group Art Unit	Unknown
Attorney Docket No.	157622-0013

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

 Deposit Account:

Deposit Account Number 09-0946  
Deposit Account Name Irell & Manella LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee  
 to the above-identified deposit account

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee			
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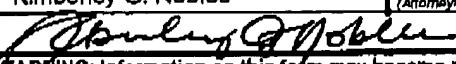
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## 3. ADDITIONAL FEES

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\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

SUBMITTED BY		Complete if applicable		
Name (Print/Type)	Kimberley G. Nobles	Registration No. (Attorney/Agent)	38,255	Telephone (949) 760-0991
Signature		Date	June 26, 2002	

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PTO/SB/17 (11-01)

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Examiner Name	Unknown
Group Art Unit	Unknown
Attorney Docket No.	157622-0013

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Deposit Account Number 09-0946  
Deposit Account Name Irell & Manella LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

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189 900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

SUBMITTED BY	Complete if applicable			
Name (Print/Type)	Kimberley G. Nobles	Registration No. (Attorney/Agent)	38,255	Telephone (949) 760-0991
Signature		Date	June 26, 2002	

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